

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1803	amine with coating and membrane	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
L2	1514	amine with coating and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
L3	339	amine with coating and membrane with immobilized not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
L4	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:37
L5	361	aminopropylsilane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:39
L6	161	aminopropylsilane and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:40
L7	68	aminopropylsilane and lipid and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:41
L8	53	gamma and aminopropylsilane and lipid and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:41
L9	21	gamma with aminopropylsilane and lipid and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:43
L10	6	gamma with aminopropylsilane and polyethyleneimine not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:48
L11	21	gamma with aminopropylsilane and lipid not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:48
L12	36	gamma with aminopropyl with silane and lipid not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
L13	42	gamma with aminopropyl with silane and polyethyleneimine not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
L14	24	"4933285"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53

## EAST Search History

S1	155	((cellular cell) with array) and toxin and ganglioside	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:25
S2	105	((cellular cell) with array) and toxin and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/22 18:31
S3	134	((cellular cell membrane) with array) and toxin and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 17:50
S6	10	"6193951"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 14:33
S7	14	((cellular cell membrane) near array) and toxin and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 17:42
S8	2	"6790632"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 17:42
S9	231	((cellular cell membrane) with array) and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 17:50
S10	0	((cellular cell membrane) with array) and ganglioside and microspot not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 17:50
S11	88	((cellular cell membrane) with array) and ganglioside and spot not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 17:50
S12	69	((cellular cell membrane) with array) and ganglioside and spot and label not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 16:44
S13	0	((cellular cell membrane) with array) and ganglioside and spot and ((label labelled) near toxin) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 16:03
S14	4	((cellular cell membrane) with array) and ganglioside and spot and ((label labelled) near target) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 16:04
S15	65	((cellular cell membrane) with array) and ganglioside and spot and label and (toxin toxicity) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 11:18
S16	0	((cellular cell membrane) with array) and ganglioside and spot and label and (toxin toxicity) and aminopropylsilane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 11:31

## EAST Search History

S18	0	((cellular cell membrane) with array) and ganglioside and spot and aminopropylsilane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 11:31
S19	38	((cellular cell membrane) with array) and ganglioside and spot and (polylysine polyethyleneimine chitosan) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 15:40
S20	13	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 15:40
S21	343	aminopropylsilane	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 16:19
S22	289	aminopropylsilane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 16:19
S23	222	aminopropylsilane not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 16:20
S25	147	aminopropylsilane and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 16:20
S26	37	(gamma near aminopropylsilane) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 16:26
S27	40	(gamma near aminopropylsilane) and support not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 16:24
S28	63	(gamma near aminopropylsilane) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 16:26
S29	4	(membrane with array) and toxin and ganglioside and aminopropylsilane	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:27
S30	67	(membrane with array) and toxin and ganglioside and amine	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:27
S31	43	(membrane with array) and toxin and ganglioside and amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 15:36
S32	4	(membrane with array) and toxin and ganglioside and (amine with (coating linker)) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:31
S33	58	((lipid membrane) with array) and toxin and ganglioside and amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:31

## EAST Search History

S34	17	"5518930"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 15:36
S35	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 16:32
S36	14	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 16:57
S38	21	"4933285"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:16
S39	830	amino with propyl with silane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S40	157	(aminopropylsilane) and binding not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:18
S41	39	(gamma with aminopropylsilane) and binding not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:26
S42	34	(gamma with aminopropylsilane) and immobilize not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:54
S43	469	(gamma with amino with propyl with silane) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S44	65	(gamma with amino with propyl with silane) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S45	6	(gamma with aminopropylsilane) same coating not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:56
S46	46	(gamma with aminopropylsilane) same (coating treated treatment layer) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:16
S47	87	"5485277"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S48	4239	(microporous nanoporous) with (substrate support) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S49	739	binding and ((microporous nanoporous) with (substrate support)) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18

## EAST Search History

S50	613	binding and membrane and ((microporous nanoporous) with (substrate support)) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:21
S51	184	binding and membrane and ((microporous nanoporous) with (substrate support)) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:27
S52	12	"6399232"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:25
S53	4	"6399202"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:25
S54	618	polymer and ((microporous nanoporous) with (substrate support)) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:27
S55	106	polymer and ((microporous nanoporous) with (substrate support)) and array and immobilization not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S56	16	polymer and ((microporous nanoporous) with (substrate support)) and array and immobilization and lipid not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S57	10	(polymer same ((microporous nanoporous) with (substrate support))) and array and immobilization and lipid not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S58	73	polymer same ((microporous nanoporous) with (substrate support)) and array and immobilization not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:36
S59	21	"5004543"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:56
S60	14	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/09 17:17
S61	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/09 17:17